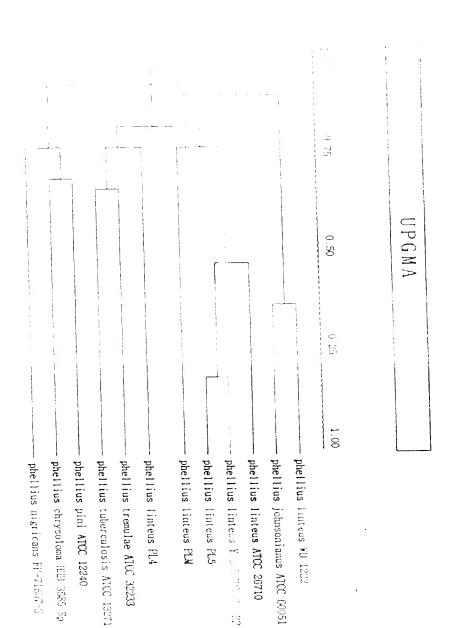
FIG. 1



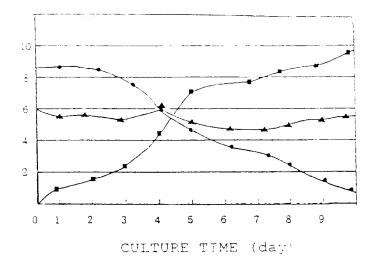
13



INVENTOR: Ick-Dong Yoo, et al.
TITLE: NOVEL-IMMUNO-STIMULATING POLYSAC
Phellinus spp. STRAIN AND USE THEREOF
SHEET: 2 OF 13
ATTY: S. Peter Ludwig - (212) 527-7700
SERIAL NO.: Not Yet Know FILE NO.: 1728/1F088US2
EXPRESS MAIL DATE:

DATE:

FIG. 2



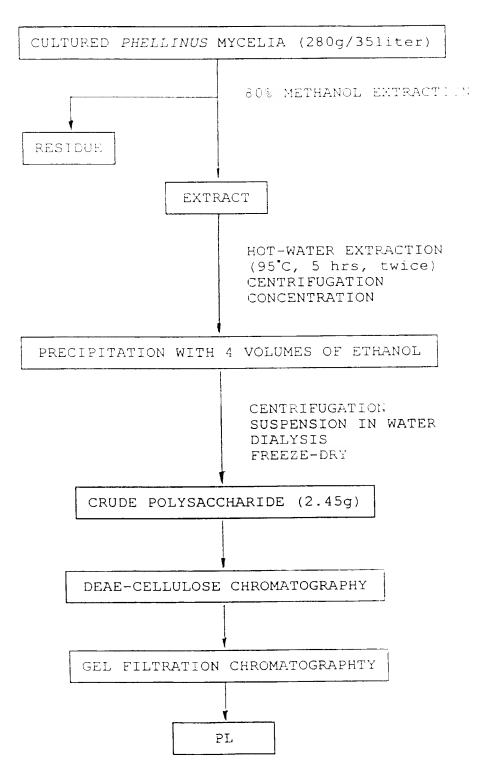
⊕: GLUCOSE (g/l)

■: MYCELIA (g/l)

▲: Ph



FIG. 3

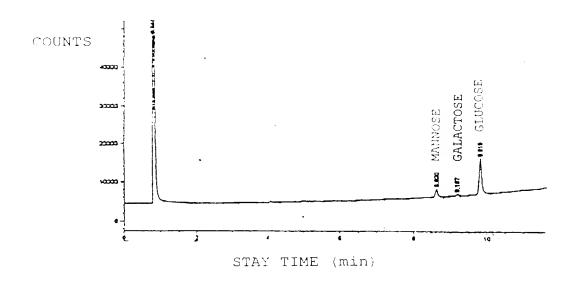




INVENTOR: Ick-Dong Yoo, et al.

TITLE: NOVEL IMPEROPOSTIMULATING POLYSACCHRAIDE SUBTANCE FROM Phellinus spp. STRA ND USE THEREOF
SHEET: 4 OF 13
ATTY: S Peter Ludwig - (212) 527-7700
SERIAL NO: NOT Yet Know FILE NO: 1728/1F088US2
EXPRESS MAIL DATE: _____ DATE: ______

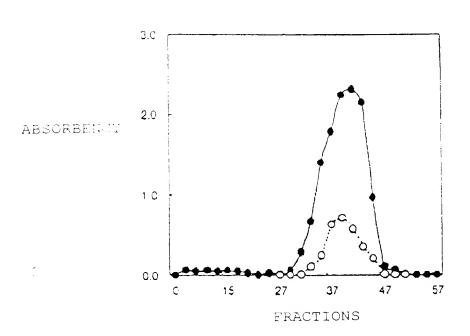
FIG. 4





INVENTOR: Ick-Dong Yoo, et al.
TITLE: NOVEL IMMUNO-STIMULATING POLYSACCHRAIDE SUBTANCE FROM Phellinus spp. STRAIN AN SE THEREOF
SHEET: 5 OF 13
ATTY: S. Peter Ludwig - (212-527-7700
SERIAL NO: NOT Yet Know FILE NO.: 1728/1F088US2
EXPRESS MAIL DATE:

FIG. 5



•: CARBOHIDRATE (490nm)

O: PROTEIN (595nm)



INVENTOR: Ick-Dong Yoo, et al.
TITLE: NOVEL IMMUND-STIMULATING POLYSACCHR.

SUBTANCE FROM
Phellinus spp. STRAIN AND USE THEREOF
SHEET: 6 OF 13
ATTY: S Peter Ludwig - (212) 527-7700
SERIAL, NO: Not Yet Know FILE NO.: 1728/1F088US2
EXPRESS MAIL DATE:

DATE:

CHEMICAL SHIFT (ppm)

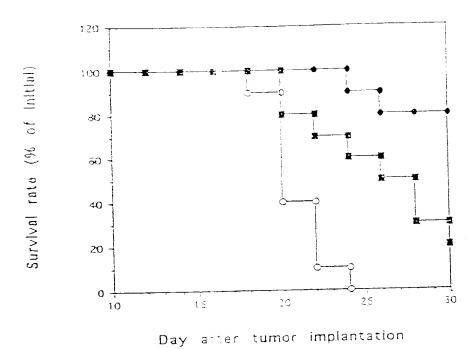
3

3

9

JAN 3 0 2003

FIG. 7



O: UNTREATED

•: PRETREATED

: POSTTREATED



INVENTOR: Ick-Dong Yoo, et al.

TITLE: NOVEL IMMUNO-STIMULATING FOLYSACCER

Pitellinus spp. STRAIN AND USE THEREOF

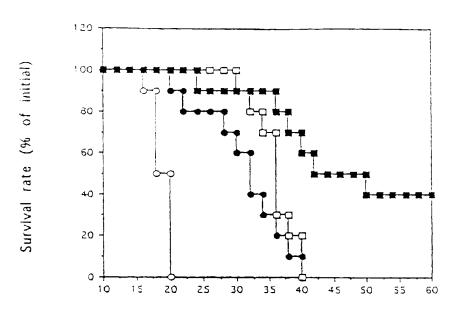
SHEET: 8 OF 13

ATTY: S. Peter Ludwig - (212) 527-7700

SERIAL NO.. Not Yet Know FILE NO.: 1728/1F088US2

EXPRESS MAIL. DATE:

FIG. 8a



Day after tumor implantation

O: UNTREATED

●: POLYSACCHARIDE - TREATED

☐: 0.1mg/kg ADRIAMYCIN - TREATED

■: POLYSACCHARIDE/0.1mg/kg ADRIAMYCIN -TREATED

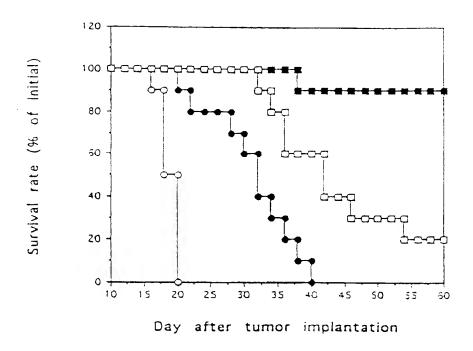


INVENTOR: Ick-Dong Yoo, et al.

TITLE: NOVEL IMMUNO-STIMULATING POLYSACCHR
Pyellinus spp. STRAIN AND USE THEREOF
SHEET: 9 OF 13

ATTY: S. Peter Ludwig - (212) 527-7700
SERIAL NO: NOT Yet Know FILE NO: 1728/1F088US2
EXPRESS MAIL______ DATE:

FIG. 8b



O: UNTREATED

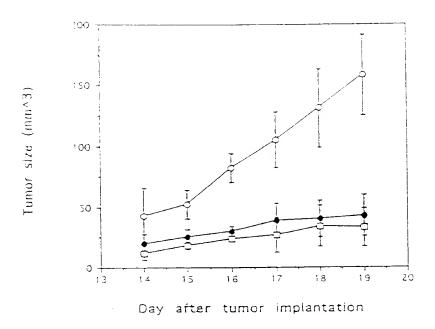
●: POLYSACCHARIDE - TREATED

☐: 0.3mg/kg ADRIAMYCIN - TREATED

■: POLYSACCHARIDE/0.3mg/kg ADRIAMYCIN -TREATED



FIG. 9a



O: UNTREATED

●: POLYSACCHARIDE - TREATED

☐: ADRIAMYCIN - TREATED



INVENTOR: Ick-Dong Yoo, et al.

FITLE. NOVEL IMMUNO-STIMULATING POLYSACCHR
Phellinus spp. STRAIN AND USE THEREOF

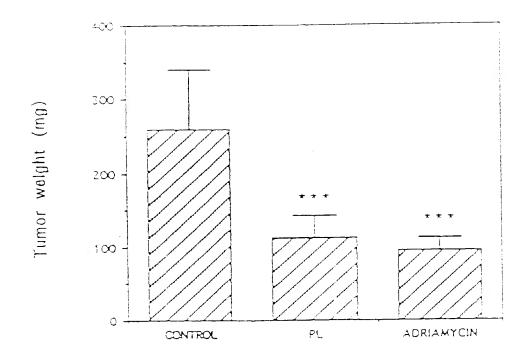
SHEET: 11 OF 13

ATTY: S. Peter Ludwig - (212) 527-77(0)

SERIAL NO.: Not Yet Know FILE NO.: 1728/1F088US2

EXPRESS MAIL. DATE:

FIG. 9b





INVENTOR: Ick-Dong Yoo, et al.

TITLE: NOVEL,IMMUNG STIMULATING POEY.

Phellinus spp. STRAIN AND USE THEREOF

SHEET: 12 OF 13

ATIY: S. Peter Ludwig - (212) 527-7700

SERIAL NO: Not Yet Know FILE NO: 1728/1F088US2

EXPRESS MAIL______ DATE:

FIG. 10a

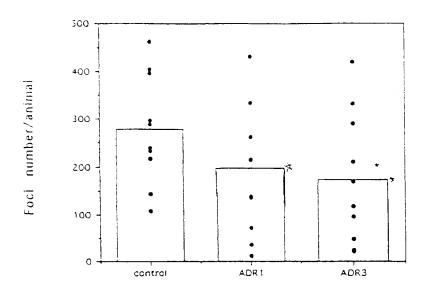
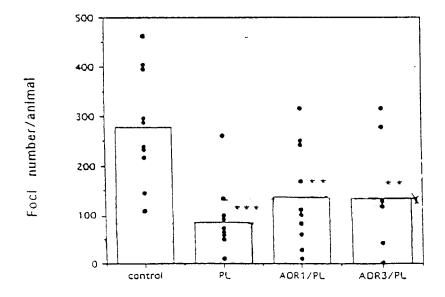


FIG. 10b





INVENTOR: Ick-Dong Yoo, et al.

TITLE: NOVEL IMMUNO-STIMULATING POLYSACCHRAIDE SUBTANCE FROM Pk-ellinus spp, S' N AND USE THEREOF

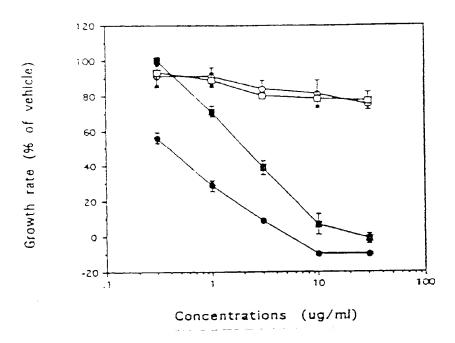
SHEET: 13 O.

ATTY: S. Peter Ludwig - (212) 527-7700

SERIAL NO.: Not Yet Know FILE NO.: 1728/11/088US2

EXPRESS MAIL DATE:

FIG. 11



O: POLYSACCHARIDE (B16)

☐: POLYSACCHARIDE (NC1-H23)

•: ADRIAMYCIN (B16)

■: ADRIAMYCIN (NC1-H23)

